

# Weekly Disease Surveillance Report

## 2021 Reporting Week 33 : August 15 — August 21



This weekly report is produced by the DOH-Okaloosa Epidemiology Section to provide situational awareness to community partners. Data is subject to change as additional information is gathered.

### Okaloosa COVID-19 Surge Status

For the seventh week in a row, COVID-19 cases increased, community transmission is **HIGH**, and the number of cases reported is a new high. The percent of all COVID-19 tests that are positive is still elevated at **28.6%**. The unvaccinated population continues to be the most heavily impacted. The vaccine is highly effective at preventing severe disease and death. As of August 24, our local hospitals reported that they were **93.6%** full. Of all hospital beds in Okaloosa, **58.3%** were occupied by COVID-19 patients. Over 89% of persons hospitalized with COVID-19 are unvaccinated.

As a reminder, in Week 32 the FDA and CDC authorized a third dose of the mRNA vaccine for moderately and severely immunosuppressed people who had completed either the Moderna or Pfizer vaccine series. The third dose must be from the same manufacturer. Persons who have other chronic medical conditions should consult their physician about obtaining a third dose. An additional dose is not authorized for the J&J vaccine. Nearly 3,000 Okaloosa residents initiated COVID-19 vaccination in Week 33.

At the end of last week, Okaloosa became one of the counties in Florida to host a FREE Monoclonal Antibody Treatment site. Monoclonal antibodies are a treatment authorized by the U.S. Food and Drug Administration (FDA) under an Emergency Use Authorization (EUA) for use in adult and pediatric patients (12 and older) who have either been diagnosed or exposed to someone with COVID-19 and are at high risk for progression to severe illness, hospitalization, or death from COVID-19.

**STOP this current surge - Get VACCINATED! It is SAFE. It WORKS!**

### Contact Us:

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## COVID-19 Snapshot

Week 33 Review		Difference from Wk32
Resident Case Count	1438	+48
Resident Case Count per 100K Population	696.6	+23.2
Average Resident Cases per Day	205.4	+6.8
Percent Positivity	28.5%	-1.1
Deaths	6	-2
Cumulative Cases March 2020 - Feb 2021	18900	
Cumulative Cases March 2021 - Present	8505	
Cumulative Deaths March 2020 - Feb 2021	327	
Cumulative Deaths March 2021 - Present	79	

Data Source: Merlin Database

Week 33 Community Risk Level		
COVID-19 Community Risk Level	New Cases per 100K Population per Week	% Positivity per Week
<b>HIGH</b>	696.6	28.5%
<b>PREVIOUS WEEK RISK LEVEL: HIGH</b>		
Low	<10	<5%
Moderate	10-49	5-7.9%
Substantial	50-99	8-9.9%
High	>100	>10%

Community risk level is the color of the higher risk level for the two indicators.

Data Source : CDC [Community Indicators at the County Level](#)



COVID-19 Fully  
Vaccinated =  
No Quarantine

# COVID-19 in Okaloosa County

Week 33: August 15 - August 21

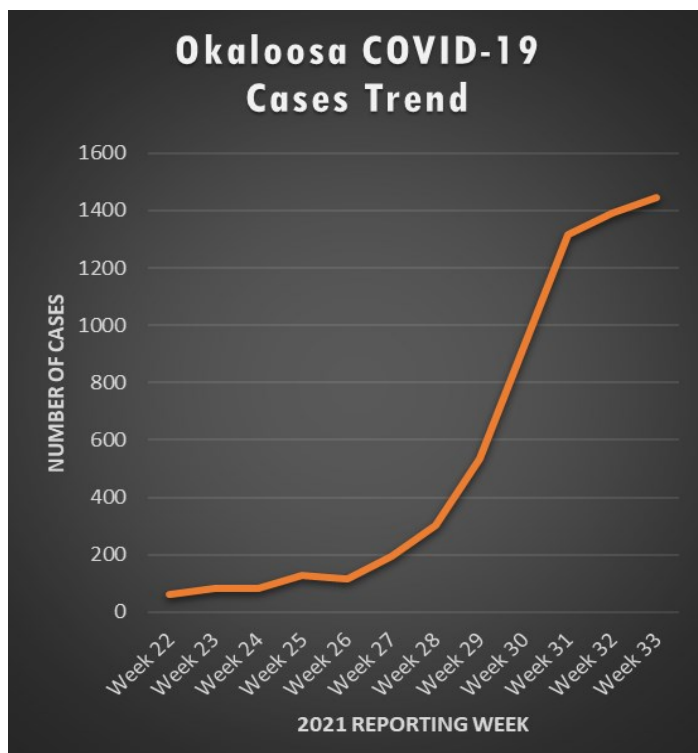


Figure 1: Trend of total COVID-19 cases by week. Data source: Merlin Database

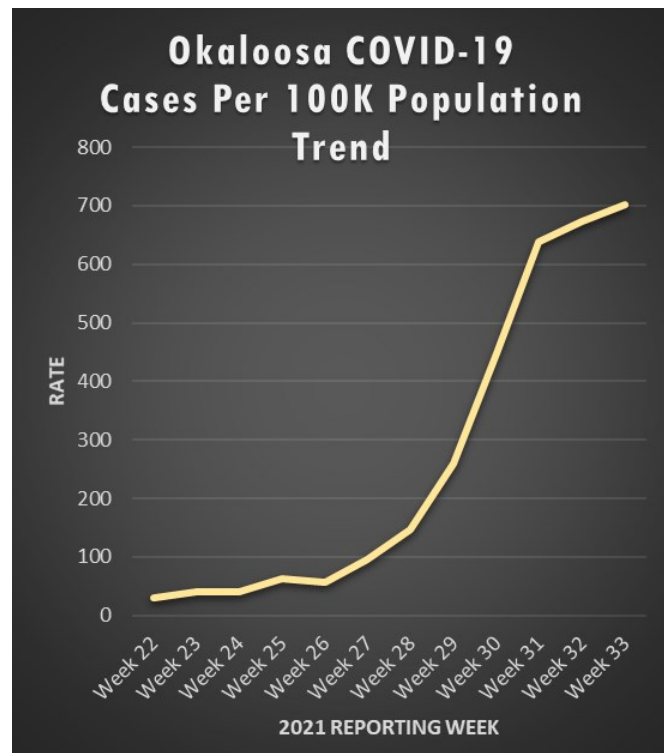


Figure 2: Trend of COVID-19 case rates by week. Data source: Merlin Database

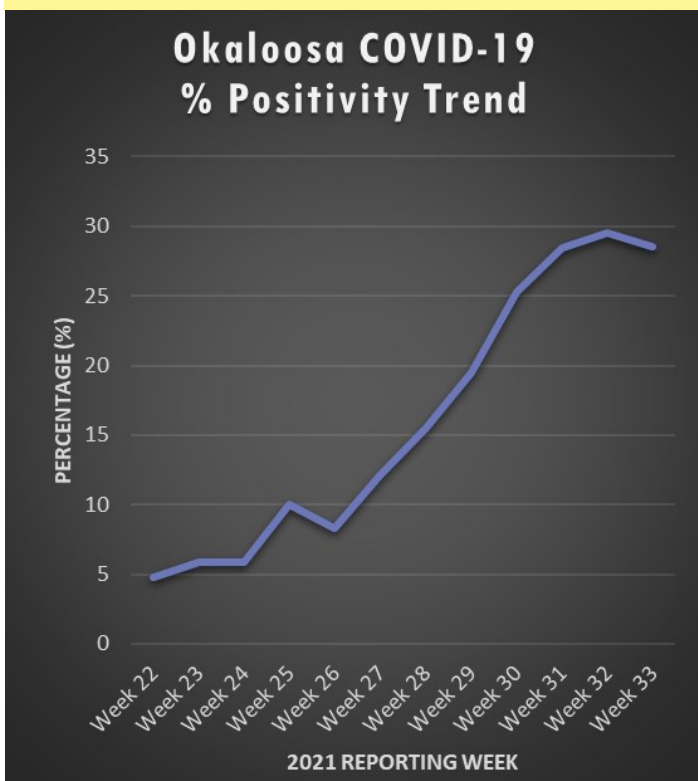


Figure 3: Trend of 7-day moving percent positivity of COVID-19 cases by week. Data source: Merlin Database

## COVID-19 Cases by Age Group

Age Group	Okaloosa Resident Cases since 03/01/21 through Week 33	% by Age Group	Difference from Week 32
0-11	764	9.0%	+222
12-14	269	3.2%	+76
15-24	1428	16.8%	+222
25-44	3164	37.2%	+476
45-64	2032	23.9%	+308
65-74	531	6.2%	+89
75-84	197	2.3%	+28
85+	119	1.4%	+17
Unknown	1	0.0%	0
<b>Total</b>	<b>8505</b>	<b>100%</b>	<b>1438</b>

Data Source: Merlin Database



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# COVID-19 in Okaloosa County

Week 33: August 15 - August 21

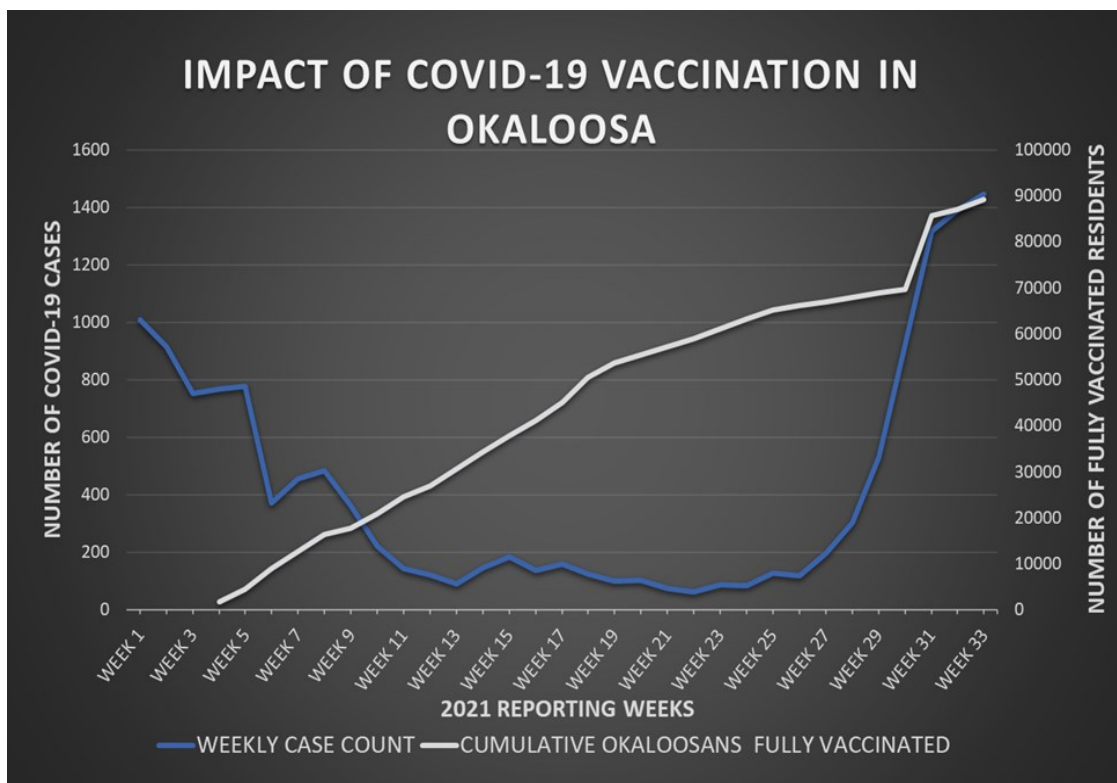


Figure 4:

Cumulative number of fully vaccinated Okaloosa residents as compared to COVID-19 cases per week. Data reported through previous Sunday.

Data Source: Merlin Database

**PERCENT OF  
BREAKTHROUGH  
INFECTION  
IN FULLY-VACCINATED  
CASES:**

**0.45%**

**PERCENT OF DEATHS  
IN FULLY-VACCINATED  
CASES:**

**0.010%**

## Vaccination Impact in Okaloosa

### UPDATED VACCINATION DATA RESOURCE

DOH-Okaloosa has identified that the CDC COVID Data Tracker presents county level vaccination data that includes vaccinations from entities not reporting into FL SHOTS.

Currently FL SHOTS only represents vaccinations given by providers receiving vaccine from the FL Department of Health, retail pharmacies, or long-term care facilities.

The CDC also includes vaccinations provided at:

- Dialysis centers participating in the Federal Dialysis Center Program
- Health Resources and Services Administration partner sites
- Federal entities such as Department of Defense, Veterans Health Administration, Indian Health Service and Bureau of Prisons.

This will be the data source used by DOH-Okaloosa starting with Week 31 of the Weekly Disease Surveillance Report. This provides a more accurate comparison of Okaloosa to the US population.

COVID-19 Vaccinations		
FULLY-VACCINATED GROUPS	OKALOOSA	US
% of Population ≥ 12 Years of Age	49.9%	60.2%
% of Population ≥ 18 Years of Age	52.6%	62.4%
% of Population ≥ 65 Years of Age	84.4%	81.2%

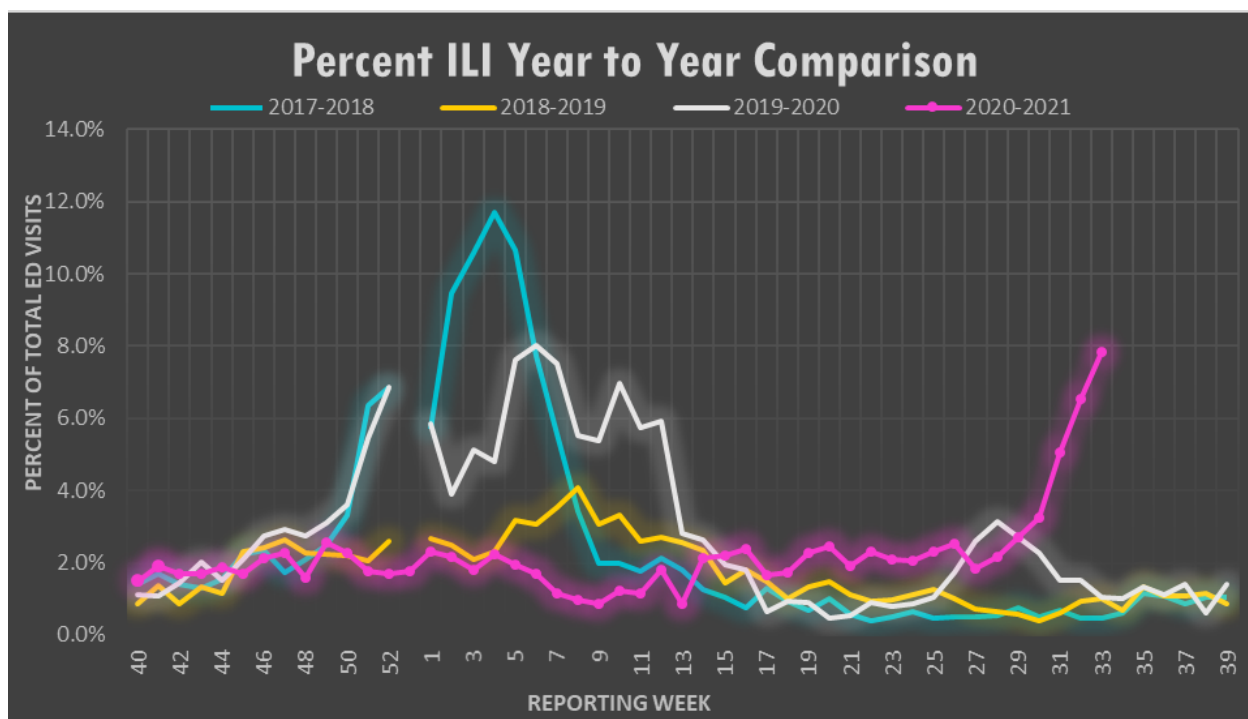
Data reported through previous Sunday. Data Source: CDC [COVID Data Tracker](#)



# Influenza-Like Illness

Week 33: August 15 - August 21

Influenza-like Illness (ILI) is defined as fever greater than or equal to 100°F AND cough and/or sore throat in the absence of another known cause.



**Figure 5:**

Annual comparison of the percent of all hospital ED visits due to ILI for Okaloosa County for the 2017-18, 2018-19, 2019-20, and 2020-21 influenza seasons by week.

Data source: ESSENCE

**ANALYSIS:** During Week 33, flu reporting partners and ESSENCE (a syndromic surveillance system) reported an increase in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County increased from 6.55% during Week 32 to 7.83% during Week 33. Flu partners reported four positive rapid influenza tests this week. Over the past three weeks, five out of 115 influenza specimens submitted to the state lab were positive (3 Influenza B unspecified, 1 Influenza A/B unspecified, 1 Influenza A unspecified). There were no reported ILI admissions, outbreaks, or deaths reported this week. The percentage of total ILI ED visits for Week 33 is higher than that of Week 33 last year.

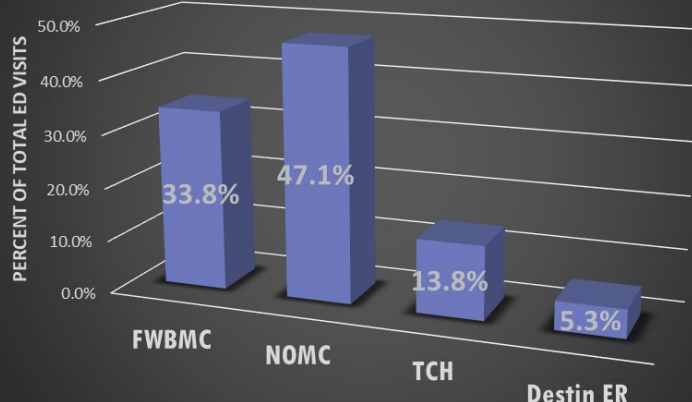
*Note:* Other respiratory syndromes can be represented by increased ILI case numbers. Data Source: ESSENCE

## % ILI by Age Group Week 33, 2021

Age Range	ILI Visits	Total ED Visits	% Total ILI Visits
0-4	28	217	12.90%
5-19	58	387	14.99%
20-34	55	637	8.63%
35-54	47	767	6.13%
55-74	29	611	4.75%
75+	8	248	3.23%

Data Source: ESSENCE

## % of Total ILI Visits by Facility Week 33, 2021



**Figure 6:** Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=225). Data source: ESSENCE

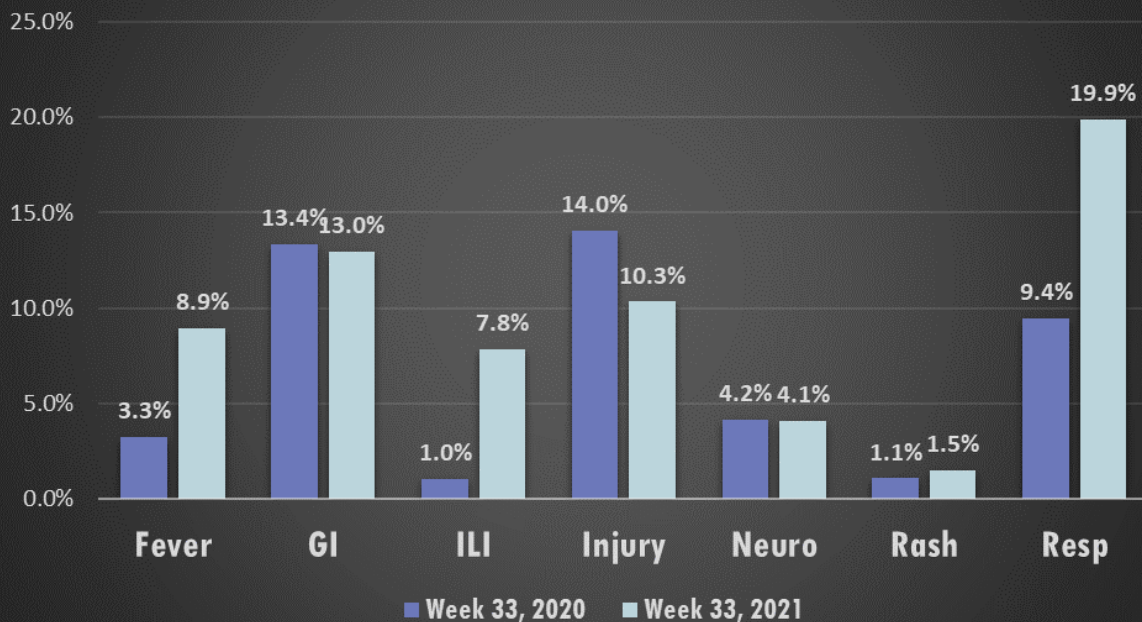




# Syndromic Surveillance

Week 33: August 15 - August 21

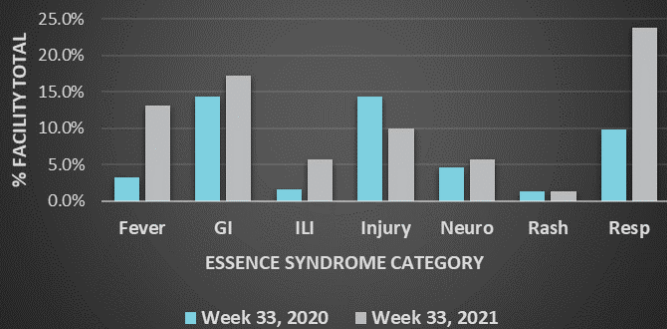
## Total ED Visits by Syndrome



**Figure 7:** Hospital Emergency Department (ED) visits from 2021 Week 33 by select syndrome category. Percentages calculated based on total number of ED visits (n=2872). Some syndrome categories are not represented; therefore, represented percentages will not total 100%.

Data source: ESSENCE

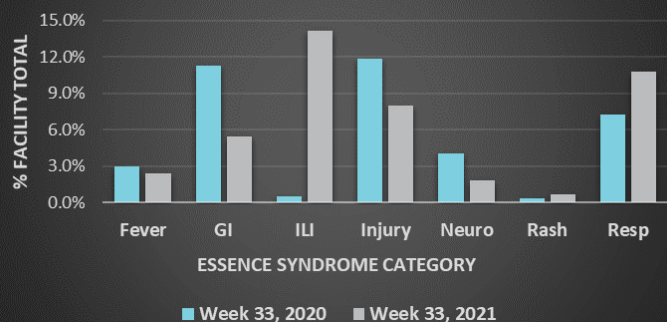
## Fort Walton Beach Medical Center ED Presentations



## Week 33—Fort Walton Beach Medical Center

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	46
5-19	RESP	58
20-34	GI, RESP	55, 55
35-54	RESP	85
55-74	RESP	58
75+	INJURY	14

## North Okaloosa Medical Center ED Presentations



## Week 33—North Okaloosa Medical Center

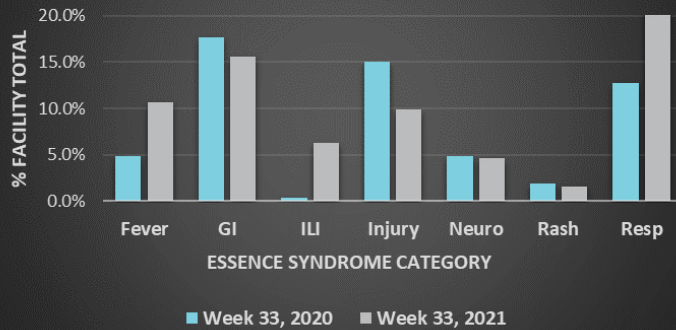
Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	FEVER	7
5-19	ILI	23
20-34	ILI	39
35-54	RESP	26
55-74	RESP	24
75+	INJURY	10



# Syndromic Surveillance

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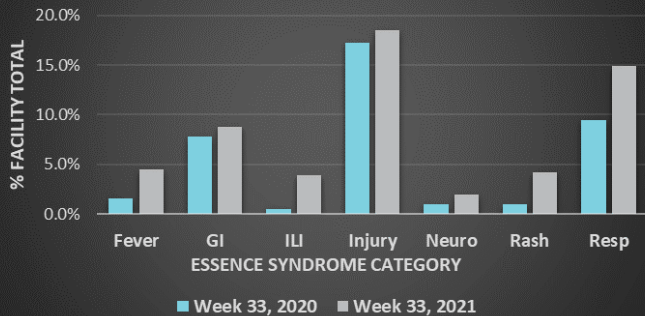
## Twin Cities Hospital ED Presentations



## Week 33—Twin Cities Hospital

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	8
5-19	RESP	28
20-34	RESP	18
35-54	RESP	34
55-74	RESP	32
75+	RESP	11

## DestinER ED Presentations



## Week 33—DestinER

Age Range	Top Syndrome	Total ED Visits for Syndrome
0-4	RESP	11
5-19	RESP	9
20-34	INJURY	13
35-54	INJURY	14
55-74	INJURY	12
75+	INJURY	5

## Week 33—Okaloosa County

Age Group	Top Syndrome
0-4	RESP
5-19	RESP
20-34	GI
35-54	RESP
55-74	RESP
75+	INJURY

Data Source: ESSENCE

